## Careers in designing, planning, managing, building and maintaining the built environment.

### Sample Career Specialties / Occupations

- Architect
- Architectural and Civil Drafter
- Civil Engineer (structural, geotechnical, transportation, etc.)
- Civil Engineering Technician
- Code Official
- Computer Aided Drafter (CAD)
- Cost Estimator
- Drafter
- Electrical and Electronic Engineering Technician
- Electrical Engineer (electronics, security, telecommunications)
- Environmental Designer
- Environmental Engineer (hydro engineering, acoustical, etc.)
- Environmental Engineering Technician
- Fire Prevention and Industrial Engineer
- Interior Designer
- Landscape Designer
- Landscape Architect
- Materials Engineer
- Mechanical Drafter
- Mechanical Engineer (HVAC, plumbing, fire protection, etc.)
- Modeler (traditional and computer)
- Planner/Designer
- Preservationist
- Programmer
- Protection Engineer
- Regional and Urban
- Renderer (traditional and computer)
- Specifications Writer
- Building Surveying and Mapping Technician
- Surveyor

### Pathways

<table>
<thead>
<tr>
<th>Pathways</th>
<th>Design/Pre-Construction</th>
<th>Construction</th>
<th>Maintenance/Operations</th>
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</table>

### CCTC Career Ready Practices

The Common Career Technical Core (CCTC) includes a set of standards for each of the 16 Career Clusters™ and their corresponding Career Pathways that define what students should know and be able to do after completing instruction in a program of study. The CCTC also includes an overarching set of Career Ready Practices that apply to all programs of study. The Career Ready Practices include 12 statements that address the knowledge, skills and dispositions that are important to becoming career ready.